## **EAST Search History**

| Ref # | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|--------------------|---------------------|---------|---------------------|
| S1    | 633  | (Tetsujiro near2 Kondo).<br>in.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>13:00 |
| S2    | 24   | (Tetsushi near3<br>Kokubo).in.   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>12:58 |
| S3    | 16   | (Kazushi near3<br>Yoshikawa).in.   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>12:58 |
| S4    | 21   | (Hisakazu near3<br>Shiraki).in.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>12:59 |
| S5    | 10   | (Michimasa near3<br>Obana).in.   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>12:59 |
| S6    | 9    | (Hideo near3 Kasama).<br>in.   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>14:33 |
| S7    | 14   | (Masanori near3<br>Kanemaru).in.   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>12:59 |
| S8    | 1408 | 382/199.ccls.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>14:34 |
| S9    | 253  | 382/255.ccls.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>14:34 |
| S10   | 860  | 382/266.ccls.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>14:37 |
| S11   | 232  | 348/208.99.ccls.   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>14:39 |
| S12   | 94   | 348/208.4.ccls.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>14:39 |
| S13   | 105  | 348/208.6.ccls.  | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>14:39 |
| S14   | 66   | 348/208.12.ccls.   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>14:39 |
| S15   | 26   | 348/208.13.ccls.   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>14:40 |
| S16   | 19   | S11 and ((edge or contour) near6 (detect \$3 or find\$3 or extract \$3)) | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>15:14 |
| S17   | 1    | S11 and S9   | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>15:03 |
| S18   | 14   | S13 and ((edge or contour) near6 (detect \$3 or find\$3 or extract \$3)) | US-PGPUB;<br>USPAT | ADJ                 | ON      | 2007/09/26<br>15:30 |

| S19 | 306 | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((motion or displacement or shak\$3 or blur\$3) near3 vector)  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:20 |
|-----|-----|---|--------------------|-----|----|---------------------|
| S20 | 2   | S19 and (equation same (correct\$3 near3 pixel))  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:20 |
| S21 | 26  | S19 and ((correct\$3 near3 pixel))  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:23 |
| S22 | 33  | (((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((motion or displacement or shak\$3 or blur\$3) near3 vector)).ab.  | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>16:17 |
| S23 | 9   | (US-20010038457-\$ or US-20010010644-\$ or US-20020065073-\$ or US-20030167096-\$ or US-20040228272-\$ or US-20040264809-\$). did. or (US-6292830-\$ or US-6453076-\$ or US-6262739-\$ or US-6392647-\$ or US-6392650-\$ or US-631878-\$ or US-6320562-\$ or US-6373990-\$ or US-6381501-\$ or US-6404507-\$ or US-6404507-\$ or US-6400364-\$ or US-6400364-\$ or US-5945986-\$ or US-5945986-\$ or US-5945986-\$ or US-59253-\$ or US-59253-\$ or US-640116-\$ or US-6219065-\$ or US-6219065-\$ or US-6219065-\$ or US-6219065-\$ or US-4375552-\$).did. or (US-4774581-\$ or US- | US-PGPUB;<br>USPAT | ADJ |    | 2007/09/26          |

| 4794512-\$ or US-  |   |   | ·    |
|--|---|---|------|
| 4918435-\$ or US-  |   |   |      |
| 4956800-\$ or US-  |   |   |      |
|  |   |   |      |
| 5365600-\$ or US-  |   |   |      |
| 5412778-\$ or US-  |   |   |      |
| 5428550-\$ or US-  |   |   |      |
| 5450036-\$ or US-  |   |   |      |
| 5463729-\$ or US-  |   |   |      |
| 5483279-\$ or US-  |   |   |      |
| 5506625-\$ or US-  |   |   |      |
| 5528187-\$ or US-  |   |   |      |
| 5555179-\$ or US-  |   |   |      |
| 5584019-\$ or US-  |   |   |      |
| 5621639-\$ or US-  |   |   |      |
| 5671214-\$ or US-  |   |   |      |
| 5673115-\$ or US-  |   |   |      |
| 5740070-\$ or US-  |   |   |      |
| 5740341-\$ or US-  |   |   |      |
| 5847968-\$ or US-  |   |   |      |
| 5867596-\$ or US-  |   |   |      |
| 5905715-\$ or US-  |   |   |      |
| 5905977-\$ or US-  |   |   |      |
| 5936631-\$ or US-  |   |   |      |
| 5936917-\$ or US-  |   |   |      |
| The state of the s |   |   |      |
| 5940830-\$ or US-  |   |   |      |
| RE36456-\$).did. or (US-   |   |   |      |
| 6075529-\$ or US-  |   |   |      |
| 6137905-\$ or US-  |   |   |      |
| 6285977-\$ or US-  |   |   |      |
| 6314387-\$ or US-  |   |   |      |
| 6434442-\$ or US-  |   |   |      |
| 6735764-\$ or US-  |   |   |      |
| 7110134-\$ or US-  |   |   |      |
| 5208904-\$ or US-  |   |   |      |
| 5581735-\$ or US-  |   |   |      |
| 5774634-\$ or US-  |   |   |      |
| 5903360-\$ or US-  |   |   |      |
| 4887302-\$ or US-  |   |   |      |
| 5416611-\$ or US-  |   |   |      |
| 5896307-\$ or US-  |   |   |      |
| 5905661-\$ or US-  |   |   |      |
| 4803475-\$ or US-  |   |   |      |
| 4893177-\$ or US-  |   |   |      |
| 5010401-\$ or US-  |   |   |      |
| 5214721-\$ or US-  |   |   |      |
| 5247590-\$ or US-  |   |   |      |
| 5374996-\$ or US-  |   |   |      |
| 5568568-\$ or US-  |   |   |      |
| 5577182-\$ or US-  |   |   |      |
|  |   |   |      |
| 5621550-\$ or US-  |   |   |      |
| 5696853-\$ or US-  |   |   |      |
| 5719957-\$ or US-  |   |   |      |
| 5732196-\$).did. or (US-   |   |   |      |
|  |   | 1 | 1    |
| 5793904-\$ or US-<br>5854856-\$ or US-   | : |   | : \$ |

|             |     | 5860130-\$ or US-<br>5933471-\$ or US-<br>5963678-\$ or US-<br>6002431-\$ or US-<br>6023344-\$ or US-<br>6133902-\$ or US-<br>6167091-\$ or US-<br>6208283-\$ or US-<br>6426975-\$ or US-<br>6438254-\$).did. |                    |     |    |                     |
|-------------|-----|---|--------------------|-----|----|---------------------|
| S24         | 3   | S23 and ((movement or motion) near3 vector)   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:12 |
| S25         | 389 | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((movement or motion or displacement or shak \$3 or blur\$3) near3 vector)   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/27<br>08:46 |
| S26         | 3   | \$25 and (equation same (correct\$3 near3 pixel))   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:20 |
| S27         | 52  | S25 and ((correct\$3<br>near3 pixel))   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:23 |
| S28         | 893 | normal equation   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:30 |
| S29         | 178 | "382".clas. and S28   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:31 |
| S30         | 26  | S25 and S28   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:36 |
| S31         | 669 | S28 and (least near3 squares)   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:37 |
| S32         | 114 | S28 and (normal near3 matrix)   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:36 |
| S33         | 45  | S25 and (least near3 squares)   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/26<br>17:38 |
| S34         | 1   | "6381285"   | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/27<br>08:45 |
| <b>S</b> 35 | 37  | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((movement or motion or displacement or shak \$3 or blur\$3) near3 vector) and (pixel same (least near3 squares))                        | US-PGPUB;<br>USPAT | ADJ | ON | 2007/09/27<br>09:07 |

| <b>S</b> 36 | 0   | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((movement or motion or displacement or shak \$3 or blur\$3) near3 vector) and (pixel same (least near3 squares)) | EPO; JPO;<br>DERWENT                      | ADJ | ON | 2007/09/27<br>09:08 |
|-------------|-----|--|---|-----|----|---------------------|
| <b>S</b> 37 | 0   | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((movement or motion or displacement or shak \$3 or blur\$3) near3 vector) and (pixel same (least near3 squares)) | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:08 |
| S38         | 2   | JP-2000272959-\$.did.  | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:12 |
| <b>S</b> 39 | 2   | JP-2000201283-\$.did.  | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:13 |
| S40         | 2   | JP-2003016456-\$.did.  | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:17 |
| S41         | 1   | JP-08237476-\$.did.  | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:15 |
| S42         | 2   | JP-2003018578-\$.did.  | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:25 |
| S43         | 2   | JP-2002112025-\$.did.  | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:27 |
| S44         | 2   | JP-10200753-\$.did.  | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:36 |
| S45         | 2   | JP-2001084368-\$.did.  | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:43 |
| S46         | 2   | EP-1061473-\$.did.   | FPRS; EPO;<br>JPO; DERWENT                | ADJ | ON | 2007/09/27<br>09:43 |
| S47         | 1   | GB-2272596-\$.did.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; DERWENT | ADJ | ON | 2007/09/27<br>11:04 |
| S48         | 3   | ("3399307"  <br>"4218119").PN.   | US-PGPUB;<br>USPAT; USOCR                 | ADJ | ON | 2007/09/27<br>11:26 |
| S49         | 17  | ("5030984").URPN.  | USPAT                                     | ADJ | ON | 2007/09/27<br>11:26 |
| S50         | 677 | (Tetsujiro near2 Kondo).<br>in.  | US-PGPUB;<br>USPAT                        | ADJ | ON | 2008/03/18<br>15:54 |
| S51         | 27  | (Tetsushi near3<br>Kokubo).in.   | US-PGPUB;<br>USPAT                        | ADJ | ON | 2008/03/18<br>15:54 |
| S52         | 16  | (Kazushi near3<br>Yoshikawa).in.   | US-PGPUB;<br>USPAT                        | ADJ | ON | 2008/03/18<br>15:54 |

| S53 | 23   | (Hisakazu near3<br>Shiraki).in.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:54 |
|-----|------|---|--------------------|-----|----|---------------------|
| S54 | 12   | (Michimasa near3<br>Obana).in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:54 |
| S55 | 9    | (Hideo near3 Kasama).<br>in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:54 |
| S56 | 16   | (Masanori near3<br>Kanemaru).in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:54 |
| S57 | 275  | 382/255.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:55 |
| S58 | 1461 | 382/199.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:55 |
| S59 | 902  | 382/266.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:55 |
| S60 | 249  | 348/208.99.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:55 |
| S61 | 21   | S60 and ((edge or contour) near6 (detect \$3 or find\$3 or extract \$3))  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:55 |
| S62 | 109  | 348/208.6.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:55 |
| S63 | 104  | 348/208.4.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:56 |
| S64 | 99   | (US-20010038457-\$ or US-20010010644-\$ or US-20010010644-\$ or US-20020065073-\$ or US-20030167096-\$ or US-20040228272-\$ or US-20040264809-\$). did. or (US-6292830-\$ or US-6453076-\$ or US-5720023-\$ or US-6262739-\$ or US-6392647-\$ or US-6392647-\$ or US-6392647-\$ or US-6306250-\$ or US-631878-\$ or US-6320562-\$ or US-6373990-\$ or US-6373990-\$ or US-6373990-\$ or US-6404507-\$ or US-6404507-\$ or US-6404507-\$ or US-6405132-\$ or US-5945986-\$ or US-5945986-\$ or US-5945986-\$ or US-4559538-\$ or US- | US-PGPUB;<br>USPAT | ADJ | N  | 2008/03/18          |

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|--|----------|-----|---|----------|
| 5729253-\$ or US-                      |          |     |   |          |
| 5926180-\$ or US-                      |          |     |   |          |
| 6141016-\$ or US-                      |          |     |   | *****    |
| 6219065-\$ or US-                      |          |     |   |          |
| 6041350-\$ or US-                      |          |     |   | -        |
| 4328556-\$ or US-                      |          |     |   | *****    |
| 4375552-\$).did. or (US-               |          |     |   |          |
| 4774581-\$ or US-                      |          |     |   |          |
| 4794512-\$ or US-                      |          |     |   |          |
| 4918435-\$ or US-                      |          |     |   | -        |
| 4956800-\$ or US-                      |          |     |   | *****    |
| 5365600-\$ or US-                      |          |     |   |          |
| 5412778-\$ or US-                      |          |     |   |          |
| 5428550-\$ or US-                      |          |     |   | -        |
| 5450036-\$ or US-                      |          |     |   | *****    |
| 5463729-\$ or US-                      |          |     |   |          |
| 5483279-\$ or US-                      |          |     |   | *****    |
| 5506625-\$ or US-                      |          |     |   | -        |
| 5528187-\$ or US-                      |          |     |   |          |
| 5555179-\$ or US-                      |          |     |   | -        |
| 5584019-\$ or US-                      |          |     |   |          |
| 5621639-\$ or US-                      |          |     |   |          |
| 5671214-\$ or US-                      |          |     |   |          |
| 5673115-\$ or US-                      |          |     |   | ******   |
| 5740070-\$ or US-                      |          |     |   | *****    |
| 5740341-\$ or US-                      |          |     |   |          |
| 5847968-\$ or US-                      |          |     |   |          |
| 5867596-\$ or US-                      |          |     |   |          |
| 5905715-\$ or US-                      |          |     |   | -        |
| 5905977-\$ or US-                      |          |     |   |          |
| 5936631-\$ or US-                      |          |     |   |          |
| 5936917-\$ or US-                      |          |     |   | ******   |
| 5940830-\$ or US-                      |          |     |   | -        |
| RE36456-\$).did. or (US-               |          |     |   |          |
| 6075529-\$ or US-                      |          |     |   |          |
| 6137905-\$ or US-<br>6285977-\$ or US- |          |     |   | ******   |
| 6314387-\$ or US-                      |          |     |   |          |
| 6434442-\$ or US-                      |          |     |   | ******   |
| 6735764-\$ or US-                      |          |     |   |          |
| 7110134-\$ or US-                      |          |     |   | -        |
| 5208904-\$ or US-                      |          |     |   |          |
| 5581735-\$ or US-                      |          |     |   | *****    |
| 5774634-\$ or US-                      |          |     |   |          |
| 5903360-\$ or US-                      |          |     |   | ******   |
| 4887302-\$ or US-                      |          |     |   | ******   |
| 5416611-\$ or US-                      |          |     |   |          |
| 5896307-\$ or US-                      |          |     |   | ******   |
| 5905661-\$ or US-                      |          |     |   | -        |
| 4803475-\$ or US-                      |          |     |   | -        |
| 4893177-\$ or US-                      |          |     |   |          |
| 5010401-\$ or US-                      |          |     |   |          |
| 5214721-\$ or US-                      |          |     |   | *****    |
| 5247590-\$ or US-                      |          |     |   | ******   |
| 5374996-\$ or US-                      |          |     |   | ******** |
|  | }        | 1   | } | ž        |

|                 |     | 5568568-\$ or US- 5577182-\$ or US- 5621550-\$ or US- 5696853-\$ or US- 5719957-\$ or US- 5732196-\$).did. or (US- 5793904-\$ or US- 5854856-\$ or US- 5860130-\$ or US- 5963678-\$ or US- 6002431-\$ or US- 6023344-\$ or US- 6133902-\$ or US- 6167091-\$ or US- 6208283-\$ or US- 6426975-\$ or US- 6438254-\$).did. |                    |     |    |                     |
|-----------------|-----|---|--------------------|-----|----|---------------------|
| S65             | 3   | S64 and ((movement or motion) near3 vector)   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:56 |
| S66             | 955 | normal equation   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:57 |
| S67             | 197 | "382".clas. and S66   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:57 |
| <del>9</del> 68 | 40  | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((movement or motion or displacement or shak \$3 or blur\$3) near3 vector) and (pixel same (least near3 squares))  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>15:57 |
| S69             | 1   | 11/626556.app.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>16:17 |
| S70             | 1   | S69 and ((activity or change) near6 pixel)  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>16:17 |
| S71             | 1   | S69 and (((activity or change) near6 pixel) same (weight\$3))   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>16:19 |
| S72             | 1   | S60 and ((constraint near3 (equation or expression or formula or relation)) same (weight\$3))   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>16:37 |
| S73             | 1   | S60 and ((constraint near3 (equation or expression or formula or relation)))  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>16:38 |

| S74 | 120  | ((camera or image or imag\$3) near6 (shak\$3 or blur\$4)) and ((constraint near3 (equation or expression or formula or relation)))                    | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>16:39 |
|-----|------|---|--------------------|-----|----|---------------------|
| S75 | 21   | ((camera or image or imag\$3) near6 (shak\$3 or blur\$4)) and (((constraint near3 (equation or expression or formula or relation))) same (weight\$3)) | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>16:40 |
| S76 | 1    | 10/562176.app. and<br>(signal or wave or (EM<br>or E-M or (electro<br>\$magnet\$2) or (electro<br>near3 magnet\$2) or<br>(carrier) or internet))      | US-PGPUB;<br>USPAT | ADJ | ON | 2008/03/18<br>18:34 |
| S78 | 714  | (Tetsujiro near2 Kondo).<br>in.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S79 | 30   | (Tetsushi near3<br>Kokubo).in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S80 | 16   | (Kazushi near3<br>Yoshikawa).in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S81 | 27   | (Hisakazu near3<br>Shiraki).in.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S82 | 13   | (Michimasa near3<br>Obana).in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S83 | 9    | (Hideo near3 Kasama).<br>in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S84 | 19   | (Masanori near3<br>Kanemaru).in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S85 | 1532 | 382/199.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S86 | 334  | 382/255.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S87 | 968  | 382/266.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S88 | 283  | 348/208.99.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S89 | 122  | 348/208.4.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S90 | 118  | 348/208.6.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |
| S91 | 75   | 348/208.12.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:47 |

| S92         | 32  | 348/208.13.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:48 |
|-------------|-----|--|--------------------|-----|----|---------------------|
| S93         | 28  | \$88 and ((edge or contour) near6 (detect \$3 or find\$3 or extract \$3))  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:48 |
| S94         | 1   | S88 and S86  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:48 |
| <b>S</b> 95 | 16  | \$90 and ((edge or contour) near6 (detect \$3 or find\$3 or extract \$3))  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:48 |
| S96         | 349 | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((motion or displacement or shak\$3 or blur\$3) near3 vector)   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:48 |
| S97         | 2   | \$96 and (equation same (correct\$3 near3 pixel))  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>17:48 |
| S98         | 40  | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((movement or motion or displacement or shak \$3 or blur\$3) near3 vector) and (pixel same (least near3 squares))               | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>19:08 |
| <b>S</b> 99 | 311 | (Tetsujiro near2 Kondo).<br>in. and ((normal or<br>overdetermined) near3<br>(equation or<br>expression))   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>19:09 |
| S100        | 31  | (Tetsujiro near2 Kondo).<br>in. and ((normal or<br>overdetermined) near3<br>(equation or<br>expression)).clm.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/16<br>19:09 |
| S101        | 1   | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) same ((motion or displacement or shak\$3 or blur\$3) near3 vector) and ((normal or over\$determined) near3 (equation or expression)) | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>10:45 |

| S102 | 79  | ((edge or contour) near6 (detect\$3 or find \$3 or extract\$3)) and ((motion or displacement or shak\$3 or blur\$3) near3 vector) and ((normal or over\$determined) near3 (equation or expression))                            | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>10:46 |
|------|-----|--|--------------------|-----|----|---------------------|
| S103 | 37  | ((edge or contour or discontinuity)) same ((motion or displacement or shak\$3 or blur\$3) near3 (vector or matri\$3)) and ((normal or over \$determined) near3 (equation or expression))                                       | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>10:49 |
| S104 | 12  | ((edge or contour or discontinuity)) same ((motion or displacement or shak\$3 or blur\$3) near3 (detect \$3 or model\$3)) same (((normal or over \$determined) near3 (equation or expression)) or (least squares))             | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>11:20 |
| S105 | 24  | ((edge or contour or discontinuity)) same ((motion or displacement or shak\$3 or blur\$3) near3 (detect \$3 or model\$3 or remov \$3)) same (((normal or over\$determined) near3 (equation or expression)) or (least squares)) | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>11:33 |
| S106 | 254 | ((motion or<br>displacement or shak\$3<br>or blur\$3) near3 (detect<br>\$3 or model\$3 or remov<br>\$3)) same (((normal or<br>over\$determined)<br>near3 (equation or<br>expression)) or (least<br>squares))                   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>11:36 |

| S107 | 36  | ((motion or<br>displacement or shak\$3<br>or blur\$3) near3 (detect<br>\$3 or model\$3 or remov<br>\$3)) same (((normal or<br>over\$determined)<br>near3 (equation or<br>expression)))                       | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>11:36 |
|------|-----|--|--------------------|-----|----|---------------------|
| S108 | 36  | ((de\$blur\$3) or<br>((motion or<br>displacement or shak\$3<br>or blur\$3) near3 (detect<br>\$3 or model\$3 or remov<br>\$3))) same (((normal<br>or over\$determined)<br>near3 (equation or<br>expression))) | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>11:58 |
| S109 | 291 | ((de\$blur\$3) or<br>((motion or<br>displacement or shak\$3<br>or blur\$3))) same<br>(((normal or over<br>\$determined) near3<br>(equation or<br>expression)))   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>12:06 |
| S110 | 714 | (Tetsujiro near2 Kondo).<br>in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>12:12 |
| S111 | 240 | S109 not S110  | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>12:12 |
| S112 | 1   | 10/562176.app. and (signal or wave or (EM or E-M or (electro \$magnet\$2) or (electro near3 magnet\$2) or (carrier) or internet) or propagat\$3)   | US-PGPUB;<br>USPAT | ADJ | ON | 2008/09/17<br>18:33 |
| S113 | 778 | (Tetsujiro near2 Kondo).<br>in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S114 | 35  | (Tetsushi near3<br>Kokubo).in.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S115 | 18  | (Kazushi near3<br>Yoshikawa).in.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S116 | 31  | (Hisakazu near3<br>Shiraki).in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S117 | 18  | (Michimasa near3<br>Obana).in.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S118 | 11  | (Hideo near3 Kasama).<br>in.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S119 | 23  | (Masanori near3<br>Kanemaru).in.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |

| S120 | 1612 | 382/199.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
|------|------|---|--------------------|-----|----|---------------------|
| S121 | 382  | 382/255.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S122 | 1051 | 382/266.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S123 | 336  | 348/208.99.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S124 | 171  | 348/208.4.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S125 | 147  | 348/208.6.ccls.   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S126 | 95   | 348/208.12.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S127 | 39   | 348/208.13.ccls.  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S128 | 1082 | normal equation   | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S129 | 231  | "382".clas. and S128  | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:37 |
| S130 | 33   | (Tetsujiro near2 Kondo).<br>in. and ((normal or<br>overdetermined) near3<br>(equation or<br>expression)).clm.                         | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/23<br>16:38 |
| S131 | 4    | (Tetsujiro near2 Kondo).<br>in. and (((normal or<br>overdetermined) near3<br>(equation or<br>expression)) and<br>(constrain\$3)).clm. | US-PGPUB;<br>USPAT | ADJ | ON | 2009/04/24<br>14:04 |

## 4/24/2009 2:53:00 PM

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